

IN THE CLAIMS

Please amend the claims as follows:

Claim 1 (Currently Amended): In a cleaning device comprising a brush roller having a brush that contacts a surface of a member to be cleaned, said brush contacts said surface due to a weight of said brush roller, whereby a desired amount of bite of said brush is achieved due to only the weight of said brush roller, and said brush roller has no driving motor and thereby rotates only by following a movement of said surface.

Claim 2 (Original): The device as claimed in claim 1, wherein the member to be cleaned comprises a charge roller that faces an image carrier for charging said image carrier.

Claim 3 (Original): The device as claimed in claim 1, wherein said brush has filaments having a length of 2 mm or below.

Claim 4 (Original): The device as claimed in claim 3, wherein the filaments have a diameter of 2 denier or below and a density of 20,000 filaments /cm²or above.

Claim 5 (Original): The device as claimed in claim 4, wherein said brush roller has a weight of 50 g or above, but 200 g or below.

Claim 6 (Original): The device as claimed in claim 5, wherein the filaments have base portions thereof affixed to a core of said brush roller by electrostatic implantation.

Claim 7 (Original): The device as claimed in claim 6, wherein the member to be cleaned comprises a cylindrical rotary body, and said brush contacts a surface of said rotary body at a position above a horizontal plane containing an axis of said rotary body.

Claim 8 (Original): The device as claimed in claim 7, wherein the member to be cleaned comprises a charge roller that faces an image carrier for charging said image carrier.

Claim 9 (Original): The device as claimed in claim 1, wherein the filaments have a diameter of 2 denier or below and a density of 20,000 filaments/cm² or above.

Claim 10 (Original): The device as claimed in claim 9, wherein said brush roller has a weight of 50 g or above, but 200 g or below.

Claim 11 (Original): The device as claimed in claim 10, wherein the filaments have base portions thereof affixed to a core of said brush roller by electrostatic implantation.

Claim 12 (Original): The device as claimed in claim 11, wherein the member to be cleaned comprises a cylindrical rotary body, and said brush contacts a surface of said rotary body at a position above a horizontal plane containing an axis of said rotary body.

Claim 13 (Original): The device as claimed in claim 12, wherein the member to be cleaned comprises a charge roller that faces an image carrier for charging said image carrier.

Claim 14 (Original): The device as claimed in claim 1, wherein said brush roller has a weight of 50 g or above, but 200 g or below.

Claim 15 (Original): The device as claimed in claim 14, wherein the filaments have base portions thereof affixed to a core of said brush roller by electrostatic implantation.

Claim 16 (Original): The device as claimed in claim 15, wherein the member to be cleaned comprises a cylindrical rotary body, and said brush contacts a surface of said rotary body at a position above a horizontal plane containing an axis of said rotary body.

Claim 17 (Original): The device as claimed in claim 16, wherein the member to be cleaned comprises a charge roller that faces an image carrier for charging said image carrier.

Claim 18 (Original): The device as claimed in claim 1, wherein the filaments have base portions thereof affixed to a core of said brush roller by electrostatic implantation.

Claim 19 (Original): The device as claimed in claim 18, wherein the member to be cleaned comprises a cylindrical rotary body, and said brush contacts a surface of said rotary body at a position above a horizontal plane containing an axis of said rotary body.

Claim 20 (Original): The device as claimed in claim 19, wherein the member to be cleaned comprises a charge roller that faces an image carrier for charging said image carrier.

Claim 21 (Original): The device as claimed in claim 1, wherein the member to be cleaned comprises a cylindrical rotary body, and said brush contacts a surface of said rotary body at a position above a horizontal plane containing an axis of said rotary body.

Claim 22 (Original): The device as claimed in claim 21, wherein the member to be cleaned comprises a charge roller that faces an image carrier for charging said image carrier.

Claim 23 (Currently Amended): In a unit including a cleaning device and a member to be cleaned thereby, said cleaning device comprises a brush roller having a brush that contacts a surface of said member to be cleaned, and said brush contacts said surface due to a weight of said brush roller, whereby a desired amount of bite of said brush is achieved due to only the weight of said brush roller, and said brush roller has no driving motor and thereby rotates by only following a movement of said surface.

Claim 24 (Currently Amended): In an image forming apparatus including a cleaning device and a member to be cleaned, said cleaning device comprises a brush roller having a brush that contacts a surface of said member to be cleaned, and said brush contacts said surface due to a weight of said brush roller, whereby a desired amount of bite of said brush is achieved due to only the weight of said brush roller, and said brush roller has no driving motor and thereby rotates only by following a movement of said surface.

Claims 25-28 (Canceled).

Claim 29 (Previously Presented): In a cleaning device comprising a brush roller having a brush that contacts a surface of a member to be cleaned, said brush contacts said surface due to a weight of said brush roller and rotates by following a movement of said surface, wherein said brush roller has a weight of 50 g or above, but 200 g or below.

Claim 30 (Previously Presented): The device as claimed in claim 29, wherein the member to be cleaned comprises a charge roller that faces an image carrier for charging said image carrier.

Claim 31 (Previously Presented): The device as claimed in claim 29, wherein said brush has filaments having a length of 2 mm or below.

Claim 32 (Previously Presented): The device as claimed in claim 31, wherein the filaments have a diameter of 2 denier or below and a density of 20,000 filaments /cm² or above.

Claim 33 (Previously Presented): The device as claimed in claim 29, wherein the filaments have base portions thereof affixed to a core of said brush roller by electrostatic implantation.

Claim 34 (Previously Presented): The device as claimed in claim 33, wherein the member to be cleaned comprises a cylindrical rotary body, and said brush contacts a surface of said rotary body at a position above a horizontal plane containing an axis of said rotary body.

Claim 35 (Previously Presented): The device as claimed in claim 34, wherein the member to be cleaned comprises a charge roller that faces an image carrier for charging said image carrier.

Claim 36 (Previously Presented): The device as claimed in claim 29, wherein the filaments have a diameter of 2 denier or below and a density of 20,000 filaments/cm² or above.

Claim 37 (Previously Presented): In a unit including a cleaning device and a member to be cleaned thereby, said cleaning device comprises a brush roller having a brush that contacts a surface of said member to be cleaned, and said brush contacts said surface due to a weight of said brush roller and rotates by following a movement of said surface, wherein said brush roller has a weight of 50 g or above, but 200 g or below.

Claim 38 (Previously Presented): In an image forming apparatus including a cleaning device and a member to be cleaned, said cleaning device comprises a brush roller having a brush that contacts a surface of said member to be cleaned, and said brush contacts said surface due to a weight of said brush roller and rotates by following a movement of said surface, wherein said brush roller has a weight of 50 g or above, but 200 g or below.

Claim 39 (Previously Presented): In a brush roller, filaments have a length of 2 mm or below, a diameter of 2 denier or below and a density of 20,000 filaments /cm² or above, and wherein said brush roller has a weight of 50 g or above, but 200 g or below.

Claim 40 (Previously Presented): The brush roller as claimed in claim 39, wherein the filaments have base ends thereof affixed to a core of said brush roller by electrostatic implantation.